#### INTERNATIONAL SEARCH REPORT

International application No. PCT/KR 99/00479

#### CLASSIFICATION OF SUBJECT MATTER

IPC7: G 05 D 1/10; B 64 C 27/56

According to International Patent Classification (IPC) or to both national classification and IPC

# B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

# IPC<sup>7</sup>: G 05 D; G 03 B; B 64 C; G 01 C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

### EPOQUE, WPI

#### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Y	US 4130259 A (CARLSON) 19 December 1978 (19.12.78) fig.1-4; abstract; column3, lines 10-51.	1	
A	ing. 1 i, additably declarately increase to a second	2-4	
Y	WO 98/16871 A1 (POLYTECH) 23 April 1998 (23.04.98) fig.1; page 2, last two sentences - page 3, paragraph 2.	1	
Α	ng.1, page 2, and the continues page 1, page 1, page 1,	2-4	
Y	US 4748569 A (GORDON) 31 May 1988 (31.05.88) fig.3; abstract; column 1, lines 37-41; claim 1.	1	
Y .	US 4062508 A (STEPHENS) 13 December 1977 (13.12.77) fig.1; abstract.	1	
A	US 4752791 A (ALLRED) 21 June 1988 (21.06.88) fig.4a,4b; column 3, line 30 - column 4, line 38.	1-4	

Further documents are listed in the continuation of Box C.	See patent family annex.
* Special categories of cited documents: A" document defining the general state of the art which is not considered to be of particular relevance E" earlier application or patent but published on or after the international filing date L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O" document referring to an oral disclosure, use, exhibition or other means P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
28 March 2000 (28.03.2000)	31 July 2000 (31.07.2000)
Name and mailing adress of the ISA/AT	Authorized officer
Austrian Patent Office	Kral
Kohlmarkt 8-10; A-1014 Vienna	·
Facsimile No. 1/53424/535	Telephone No. 1/53424/335

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International application No.

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# INTERNATIONAL SEARCH REPORT Information on patent family members

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